# **SIEMENS**

### Data sheet

## 3SU1401-1BF40-1AA0



LED MODULE WITH INTEGRATED LED 230V AC, GREEN, SCREW TERMINAL, FOR FRONT PLATE MOUNTING

#### Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	LED module

General technical data:  Product component      diode     lamp transformer     Light source     series resistor  Insulation voltage     Rated value  V 320  Type of voltage     of the operating voltage     for actuation  Consumed current maximum     mA 20  Degree of pollution  Vibration resistance     acc. to IEC 60068-2-6  Surge voltage resistance Rated value  Protection class IP     of the enclosure     of the terminal  Equipment marking     acc. to DIN EN 61346-2  Pe			
<ul> <li>diode</li> <li>lamp transformer</li> <li>Light source</li> <li>series resistor</li> <li>Rated value</li> <li>Fated value</li> <li>of the operating voltage</li> <li>for actuation</li> <li>AC</li> <li>Consumed current maximum</li> <li>Degree of pollution</li> <li>Vibration resistance</li> <li>acc. to IEC 60068-2-6</li> <li>Surge voltage resistance Rated value</li> <li>kV</li> <li>Operating period typical</li> <li>h</li> <li>100 000</li> <li>Protection class IP</li> <li>of the enclosure</li> <li>of the terminal</li> <li>Equipment marking</li> </ul>			
Ilamp transformer Light source Series resistor  Insulation voltage Rated value V 320  Type of voltage Of the operating voltage Of actuation  Consumed current maximum MA 20  Degree of pollution  Vibration resistance Operating period typical  Protection class IP Of the enclosure Of the enclosure Of the terminal  Equipment marking  No No  AC  AC  AC  AC  AC  AC  AC  AC  AC  A	Product component		
Light source     series resistor  Insulation voltage     Rated value  V 320  Type of voltage     of the operating voltage     for actuation  Consumed current maximum     mA 20  Degree of pollution  Vibration resistance     acc. to IEC 60068-2-6  Surge voltage resistance Rated value  Protection class IP     of the enclosure     of the terminal  Equipment marking  Yes  No  Yes  No  No  100  100  100  100  100  100	• diode		Yes
series resistor  Insulation voltage     Rated value  V 320  Type of voltage     of the operating voltage     for actuation  Consumed current maximum     mA 20  Degree of pollution  Vibration resistance     acc. to IEC 60068-2-6  Surge voltage resistance Rated value  V 4  Operating period typical  Protection class IP     of the enclosure     of the terminal  Equipment marking	<ul><li>lamp transformer</li></ul>		No
Insulation voltage  • Rated value  V 320  Type of voltage  • of the operating voltage  • for actuation  Consumed current maximum  mA 20  Degree of pollution  Vibration resistance  • acc. to IEC 60068-2-6  Surge voltage resistance Rated value  V 4  Operating period typical  Protection class IP  • of the enclosure  • of the terminal  Equipment marking	Light source		Yes
<ul> <li>Rated value</li> <li>Type of voltage</li> <li>of the operating voltage</li> <li>for actuation</li> <li>Consumed current maximum</li> <li>mA</li> <li>Degree of pollution</li> <li>Vibration resistance</li> <li>acc. to IEC 60068-2-6</li> <li>Surge voltage resistance Rated value</li> <li>Protection class IP</li> <li>of the enclosure</li> <li>of the terminal</li> <li>Equipment marking</li> </ul>	• series resistor		No
Type of voltage  of the operating voltage for actuation  Consumed current maximum  Degree of pollution  Vibration resistance  acc. to IEC 60068-2-6  Surge voltage resistance Rated value  Noperating period typical  Protection class IP  of the enclosure  of the terminal  Equipment marking  AC  AC  AC  AC  AC  AC  AC  AC  AC  A	Insulation voltage		
<ul> <li>of the operating voltage</li> <li>for actuation</li> <li>Consumed current maximum</li> <li>mA</li> <li>Degree of pollution</li> <li>3</li> <li>Vibration resistance <ul> <li>acc. to IEC 60068-2-6</li> <li>Surge voltage resistance Rated value</li> <li>kV</li> <li>Operating period typical</li> <li>h</li> <li>100 000</li> </ul> </li> <li>Protection class IP <ul> <li>of the enclosure</li> <li>of the terminal</li> <li>Equipment marking</li> </ul> </li> <li>AC</li> <li>BA</li> <li>100 000</li> <li>IP40</li> <li>IP20</li> </ul> <li>Equipment marking</li>	Rated value	V	320
for actuation  Consumed current maximum     mA	Type of voltage		
Consumed current maximum  Degree of pollution  Vibration resistance  • acc. to IEC 60068-2-6  Surge voltage resistance Rated value  Vibration period typical  Noperating period typical  Protection class IP  • of the enclosure  • of the terminal  Equipment marking	<ul> <li>of the operating voltage</li> </ul>		AC
Degree of pollution  Vibration resistance  • acc. to IEC 60068-2-6  Surge voltage resistance Rated value  kV  4  Operating period typical  Protection class IP  • of the enclosure  • of the terminal  Equipment marking	• for actuation		AC
Vibration resistance 10 500 Hz: 5g   Surge voltage resistance Rated value kV 4   Operating period typical h 100 000   Protection class IP • of the enclosure IP40   • of the terminal IP20   Equipment marking	Consumed current maximum	mA	20
<ul> <li>acc. to IEC 60068-2-6</li> <li>Surge voltage resistance Rated value</li> <li>kV</li> <li>Operating period typical</li> <li>h</li> <li>100 000</li> <li>Protection class IP         <ul> <li>of the enclosure</li> <li>of the terminal</li> </ul> </li> <li>Equipment marking</li> <li>10 500 Hz: 5g</li> <li>kV</li> <li>4</li> <li>IP20</li> </ul>	Degree of pollution		3
Surge voltage resistance Rated value kV 4  Operating period typical h 100 000  Protection class IP  of the enclosure IP40  of the terminal IP20  Equipment marking	Vibration resistance		
Operating period typical  Protection class IP  of the enclosure of the terminal  Equipment marking	• acc. to IEC 60068-2-6		10 500 Hz: 5g
Protection class IP	Surge voltage resistance Rated value	kV	4
● of the enclosure  ■ of the terminal  Equipment marking  IP40  IP20	Operating period typical	h	100 000
• of the terminal IP20  Equipment marking	Protection class IP		
Equipment marking	• of the enclosure		IP40
	• of the terminal		IP20
• acc. to DIN EN 61346-2	Equipment marking		
	• acc. to DIN EN 61346-2		Р

● acc. to DIN EN 81346-2		Р
Operating voltage 1		
• with AC		
— at 50 Hz Rated value	V	230
— at 60 Hz Rated value	V	230
Relative positive tolerance of the operating voltage	%	15
Relative negative tolerance of the operating voltage	%	10

Connections/ Terminals:		
Type of electrical connection		screw-type terminals
Type of connectable conductor cross-section		
<ul> <li>solid with core end processing</li> </ul>		2x (0.5 0.75 mm²)
<ul> <li>solid without core end processing</li> </ul>		2x (1.0 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>		2x (0.5 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>		2x (1,0 1,5 mm²)
• for AWG conductors		2x (18 14)
Tightening torque		
• with screw-type terminals	N·m	0.8 0.9

Lamp:	
Type of light source	LED
Color of the light source	green

Ambient conditions:		
Ambient temperature		
<ul> <li>during operation</li> </ul>	°C	-25 +70
during storage	°C	-40 +80

Installation/ mounting/ dimensions:		
Mounting type		
<ul> <li>of modules and accessories</li> </ul>		Front plate mounting
Height	mm	32
Width	mm	9.8
Depth	mm	23.4

### Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

http://www.siemens.com/industrymall

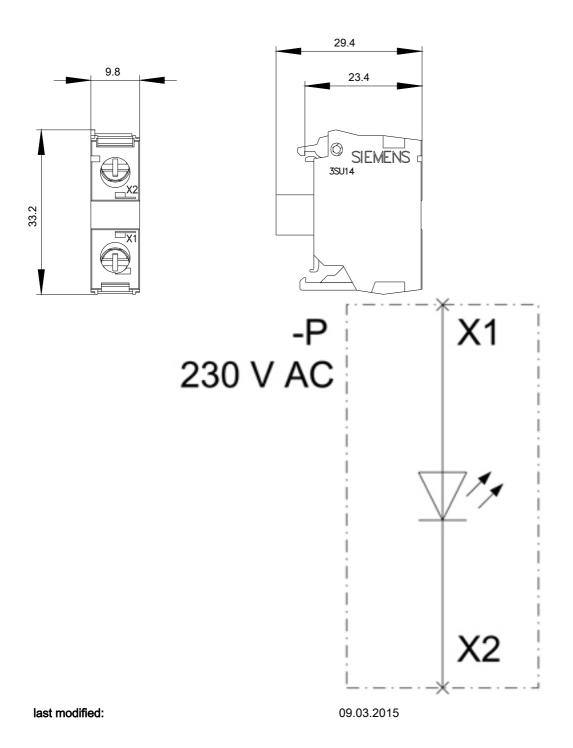
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